CLAIMS

1. A method of treating waste, comprising the steps of drying said waste and submitting said dried waste to gasification for producing a combustible gas, characterised in that the

5   method comprises the step of separating the waste into a portion for shredding and a portion for filtering prior to drying.

2. A method of treating waste, comprising the steps of drying said waste and submitting said dried waste to gasification for producing a combustible gas, characterised in that the

10   method comprises the step of submitting liquid waste containing solids in suspension to filtering means to substantially separate primarily solid waste from primarily liquid waste prior to drying said primarily solid waste.

3. A method of treating waste, comprising the steps of drying said waste by supplying

15   heated air to said waste, submitting said dried waste to gasification for producing a combustible gas, burning said gas to generate electricity and exchanging heat from the burning of the gas with the air supplied to the waste for drying the waste.

4. A method of treating waste, comprising the steps of collecting and cooling waste,

20   drying said waste and submitting said dried waste to gasification for producing a combustible gas.

5. A method according to any preceding claim and for the treatment of waste containing feathers, comprising the step of submitting quills of feathers to a cutter with a plurality of

25   cutter blades so configured to section the quills.

6. A method according to any preceding claim, comprising the step of routing the exhausts from the drying step and the gasification step to a single thermal oxidiser.

30   7. A method substantially as hereinbefore described with reference to and/or illustrated in any appropriate combination of the accompanying text and/or figure.

8. Apparatus adapted to carry out a method in accordance with any of the preceding claims.

5   9. Apparatus substantially as hereinbefore described with reference to and/or illustrated in any appropriate combination of the accompanying text and/or figure.